

**SM3H 6.1 odd answers**

1.  $23.2^\circ$
3.  $48.5^\circ$
5.  $49^\circ 42'$
7.  $\approx 2.6180$
9.  $\approx 1.5708$
11.  $\approx 1.0716$
13.  $110^\circ$
15.  $45^\circ$
17.  $114.59^\circ$
19.  $\approx 2.0944$
21.  $\approx 1.2518$
23.  $108^\circ$
25.  $S = 50$  inches
27.  $r \approx 2.4$  cm
29.  $\theta = 3$  rad
31.  $3\pi \text{ cm}^2$
33.  $3\pi \text{ in}^2$
35.  $24\pi \text{ km}^2$
37. Work is your answer